

10 →

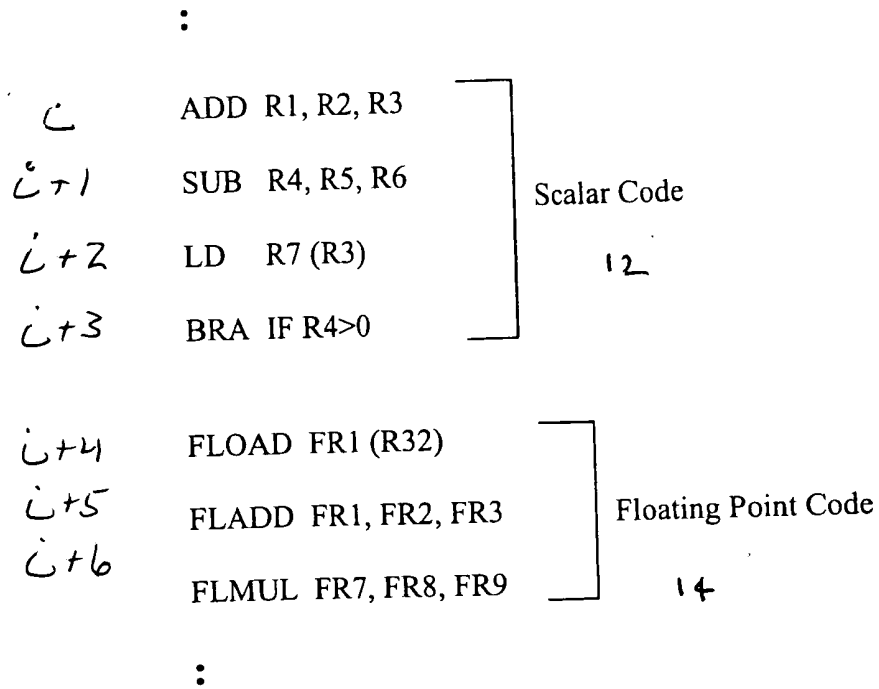


FIG. 1

20 →

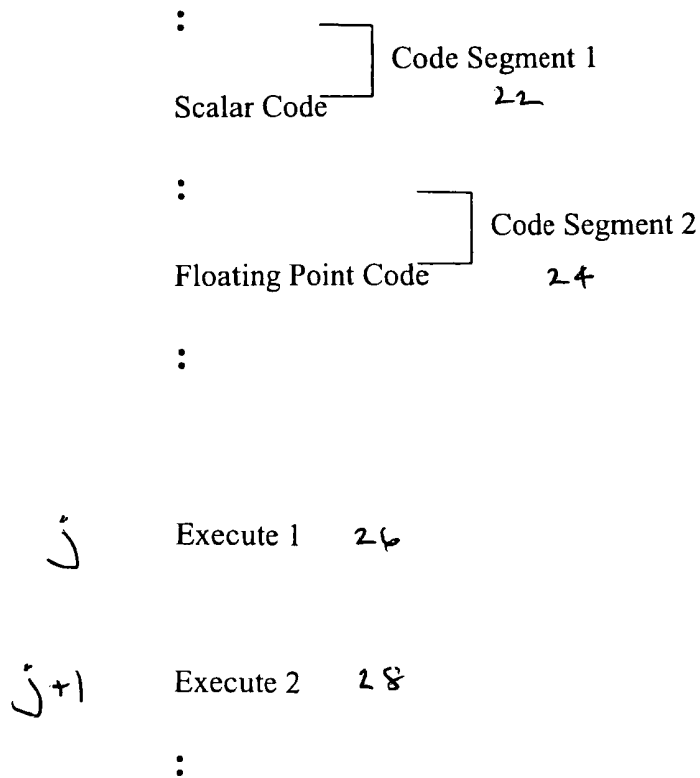
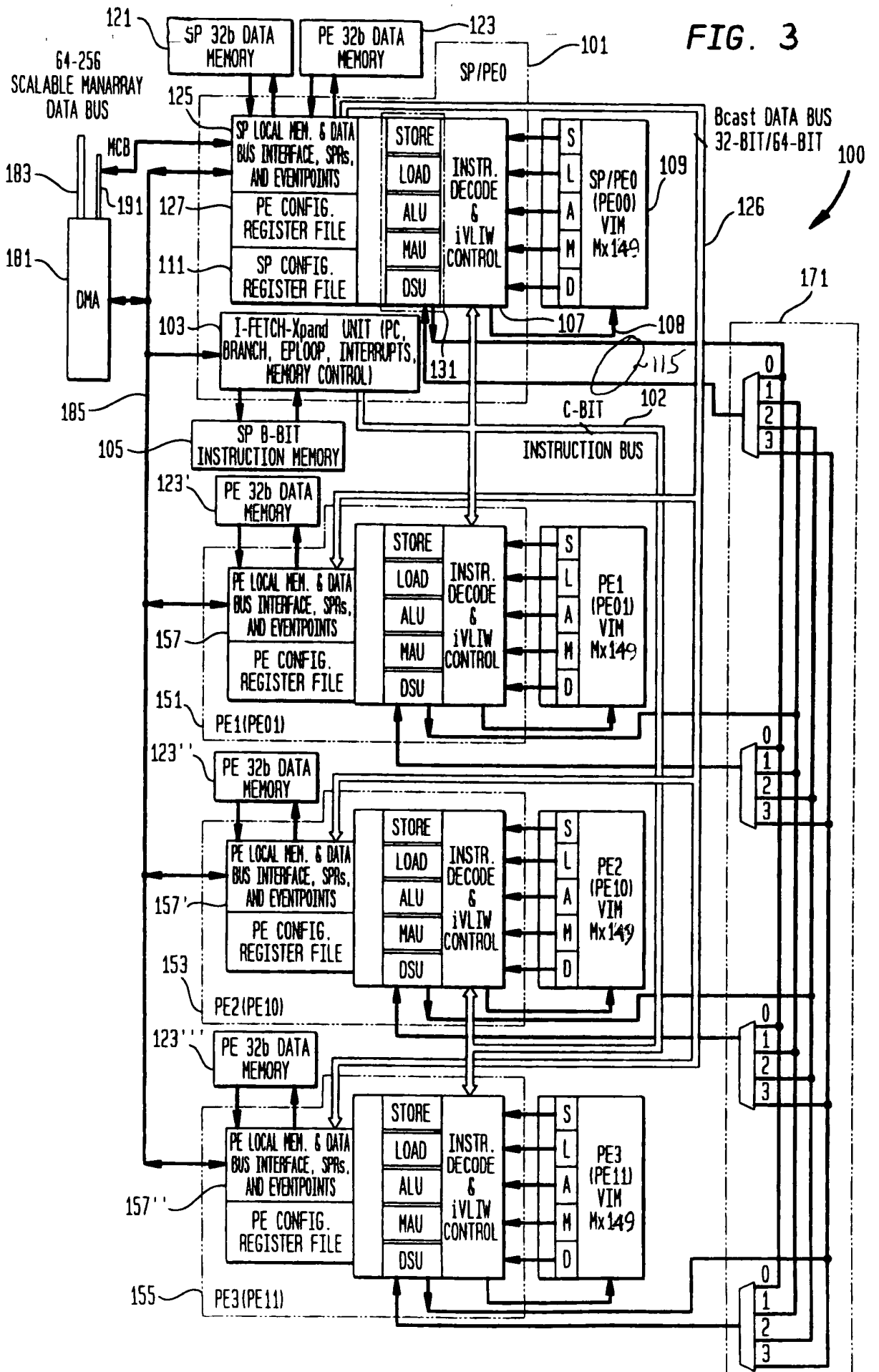


FIG. 2

FIG. 3



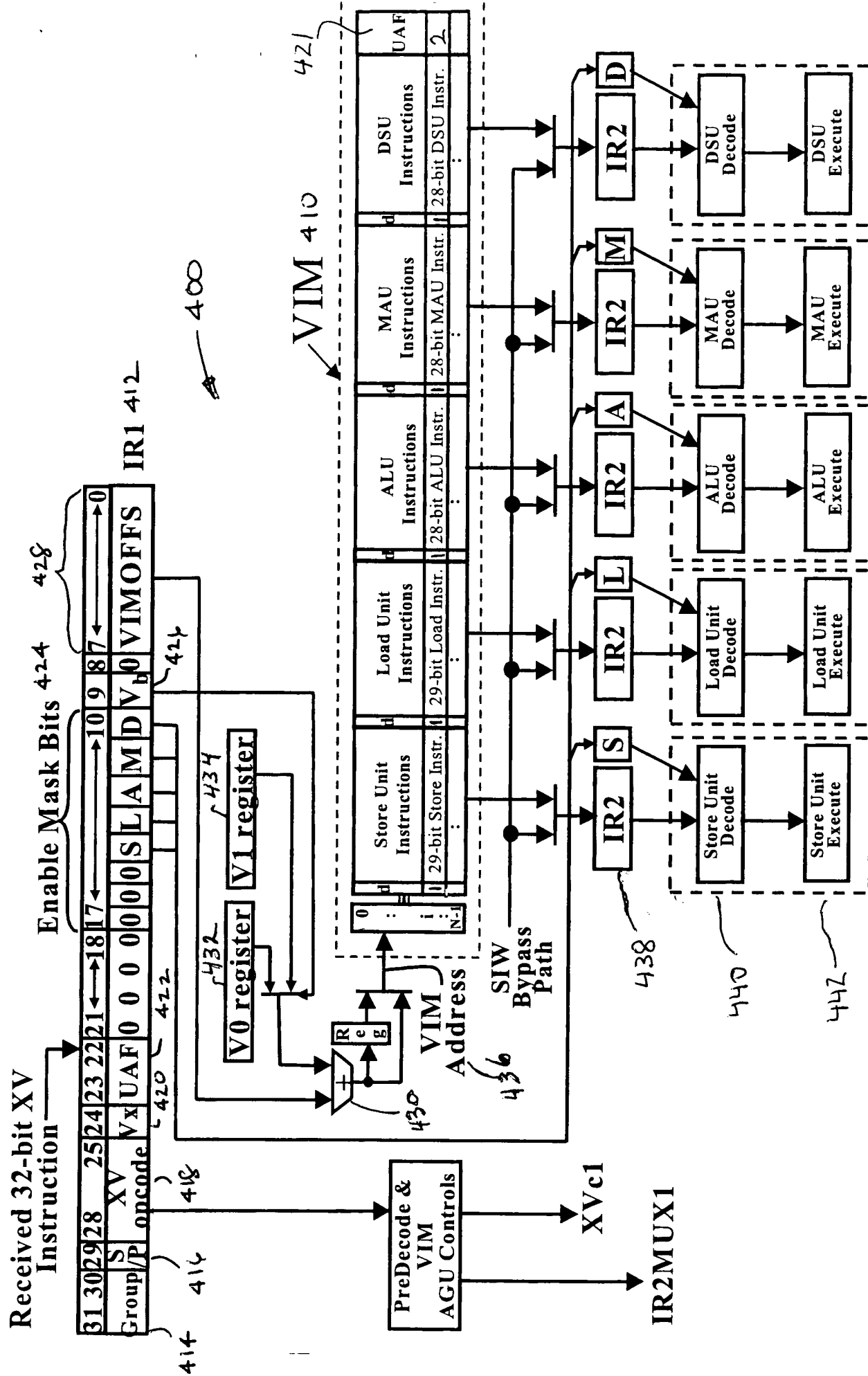


Fig. 4

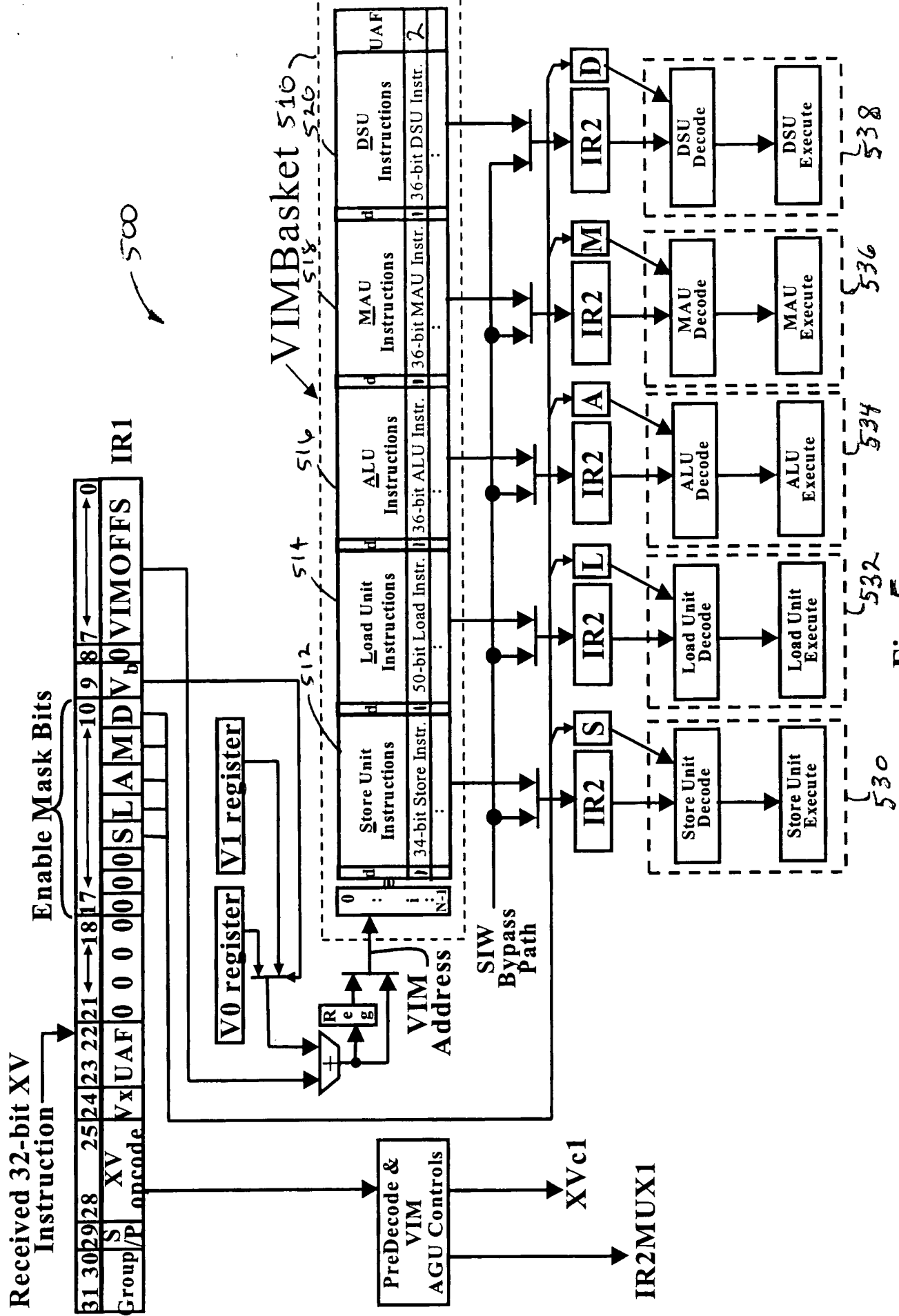


Fig. 5

32-bit Encoding

31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
Group		S/P	Unit				MAUopcode				Rt		Rx		Ry		Rxe		Rye		CE3		SumpExt								
											Rte																				

Fig. 6A PRIOR ART

SLAMDunk 40-bit Encoding Example

39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
Group S/P				Unit				MAUopcode'				Rt'		Rte'		Rx'		Rxe'		Ry'		Rye'		CE3		SumpExt'													

610

612

614

Fig. 6B

Fig. 6B

32-bit Mapping to SLAMDunk 40-bit Encoding Example

32-bit Mapping to SLAVIDunk 40-bit Encoding Example																																							
39	38	37	36	35	34	33	32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	0
Group S/P				Unit				MAUopcode				0		0		Rt		0		0		Rx		0		0		Ry		0		CE3		0		SumpExt			
												0		0		Rte		0		0		Rxe		0		0		Rye		0									

Fig. 6C

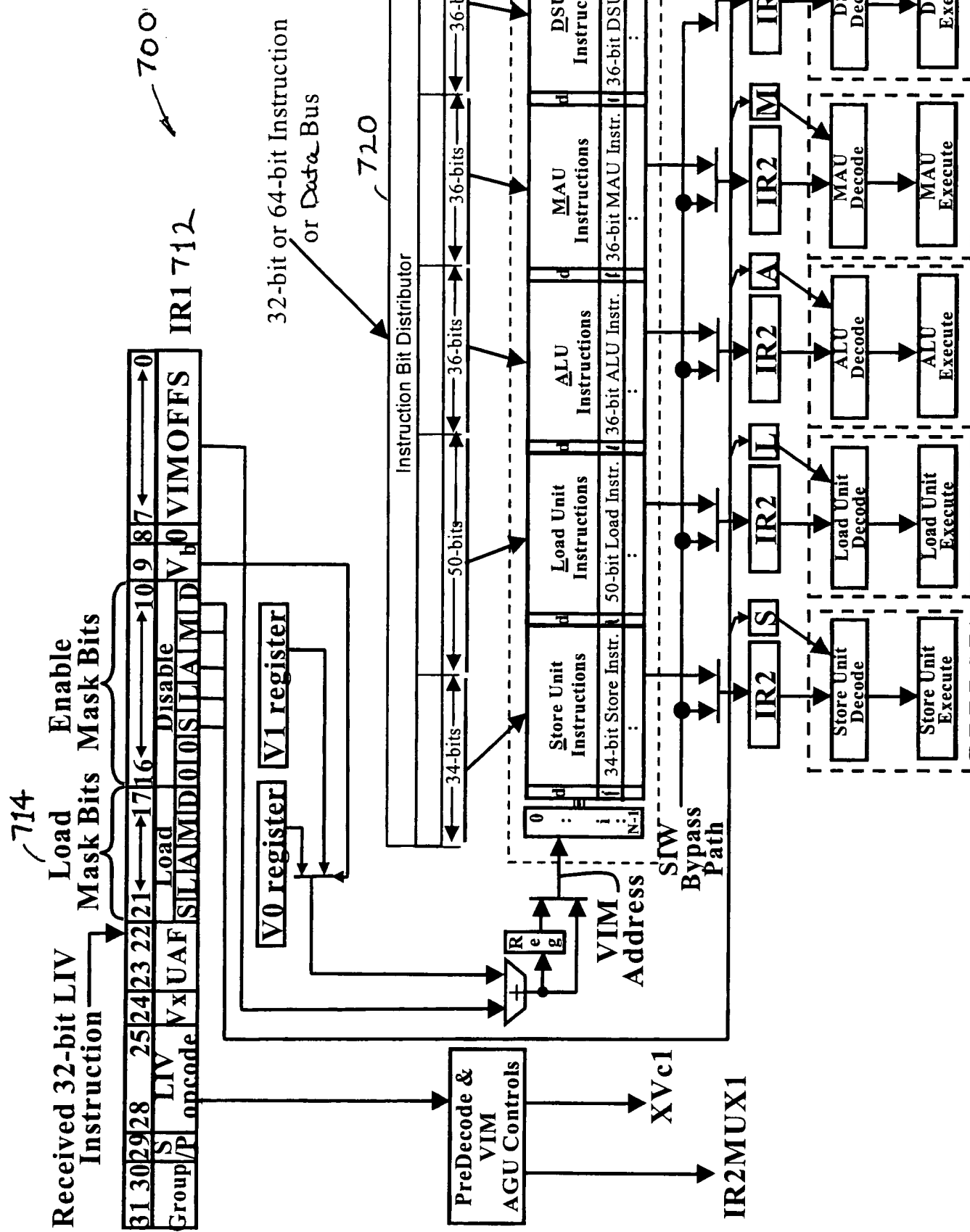


Fig. 7

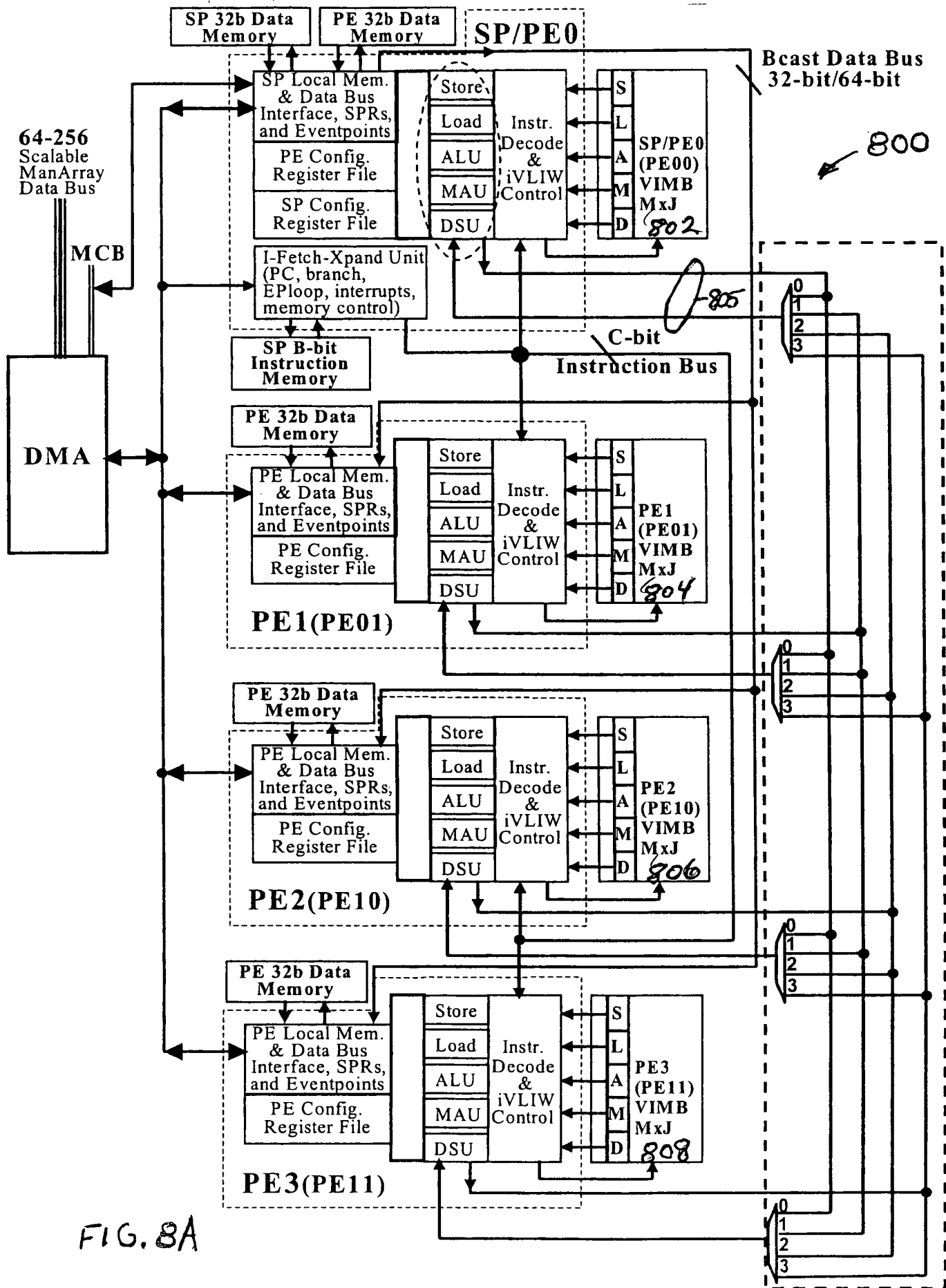
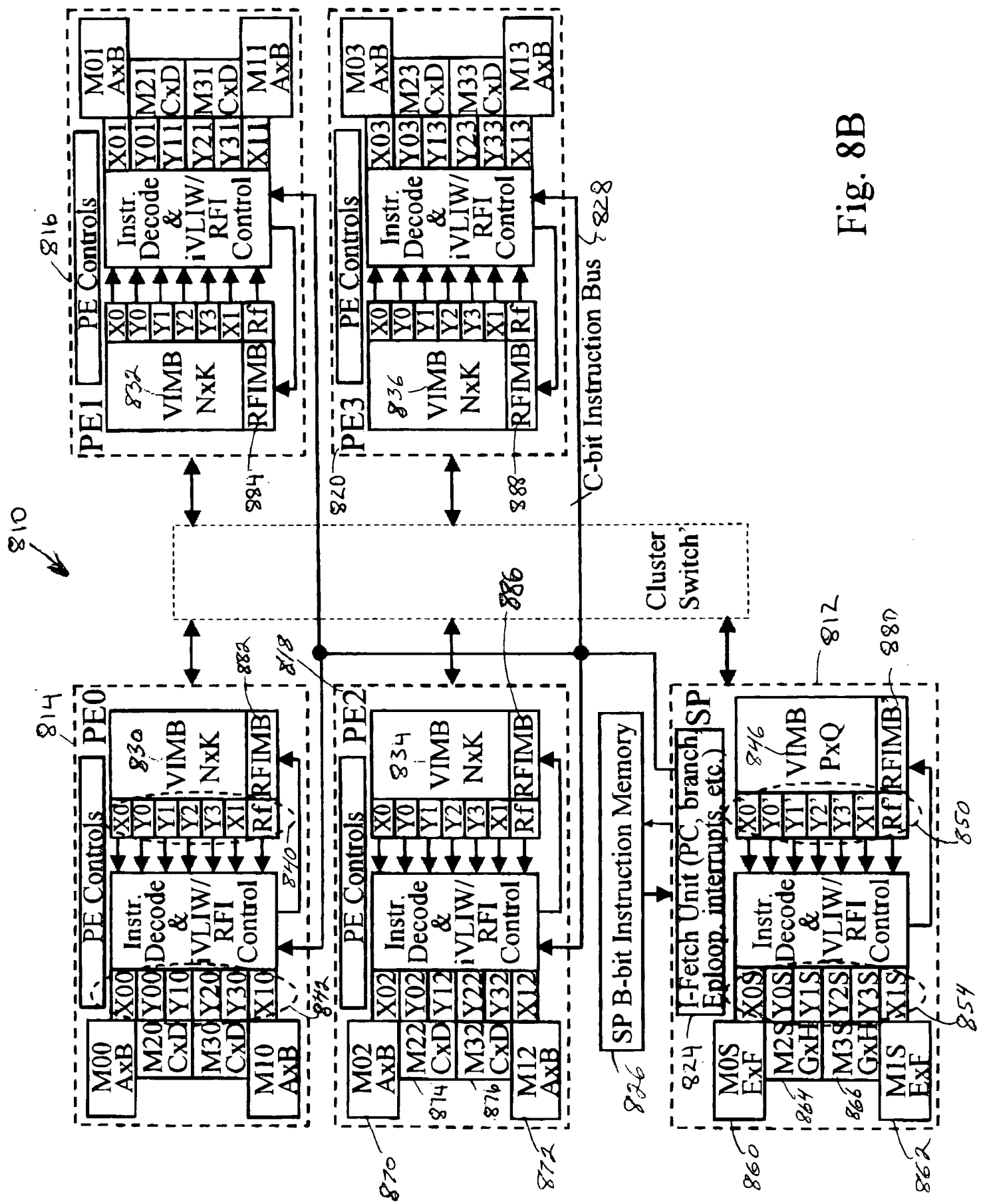


FIG. 8A



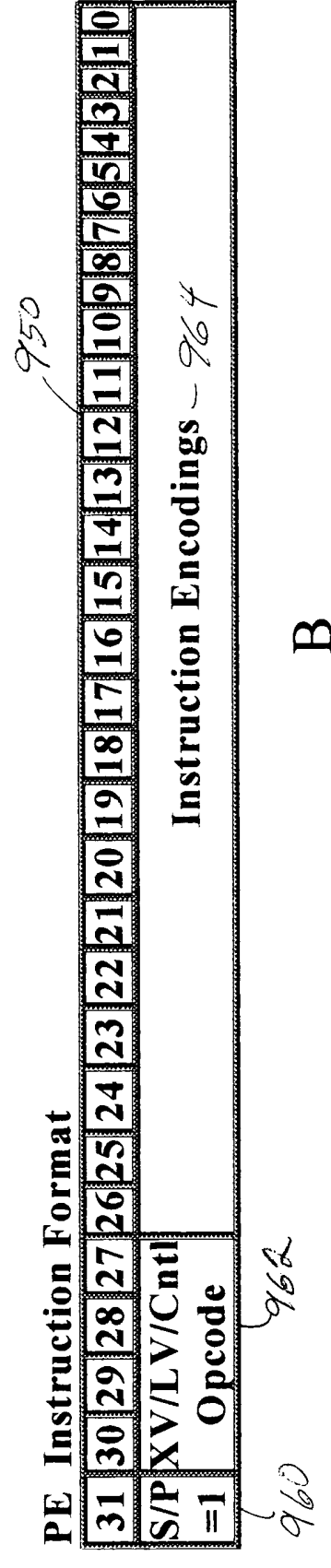
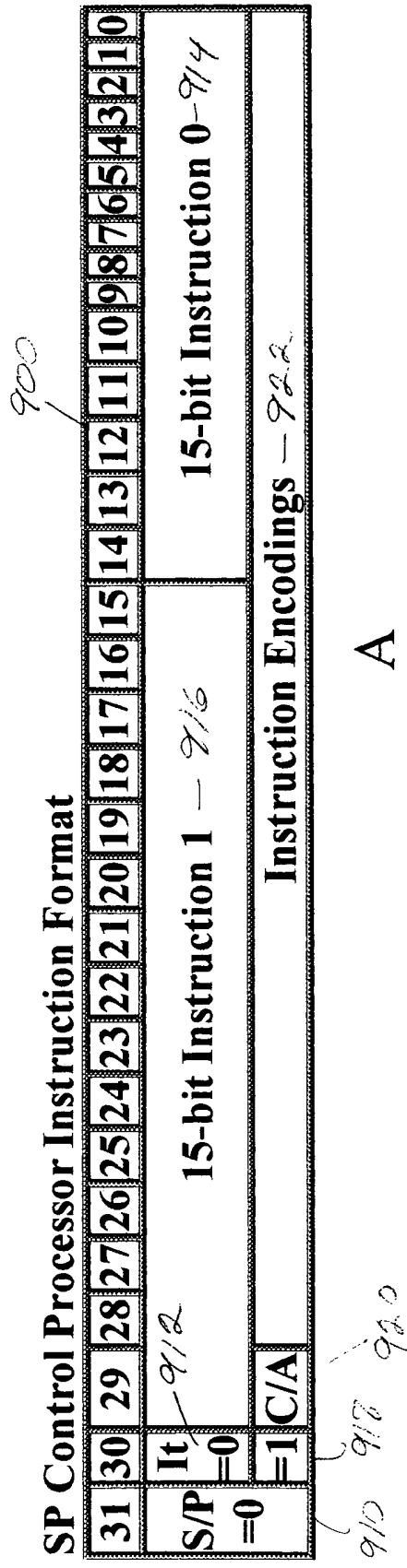


Fig. 9

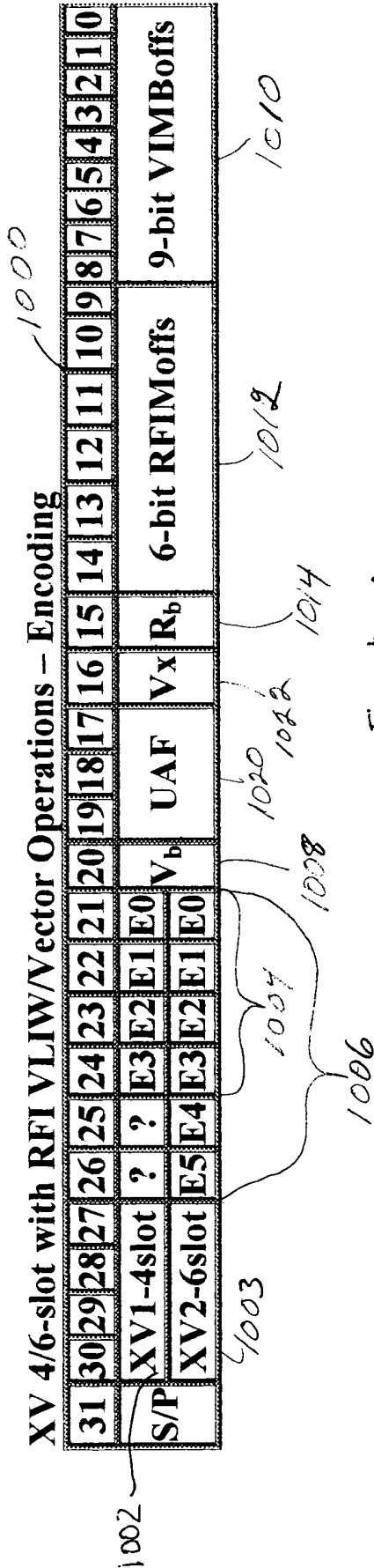


Fig. 10 A

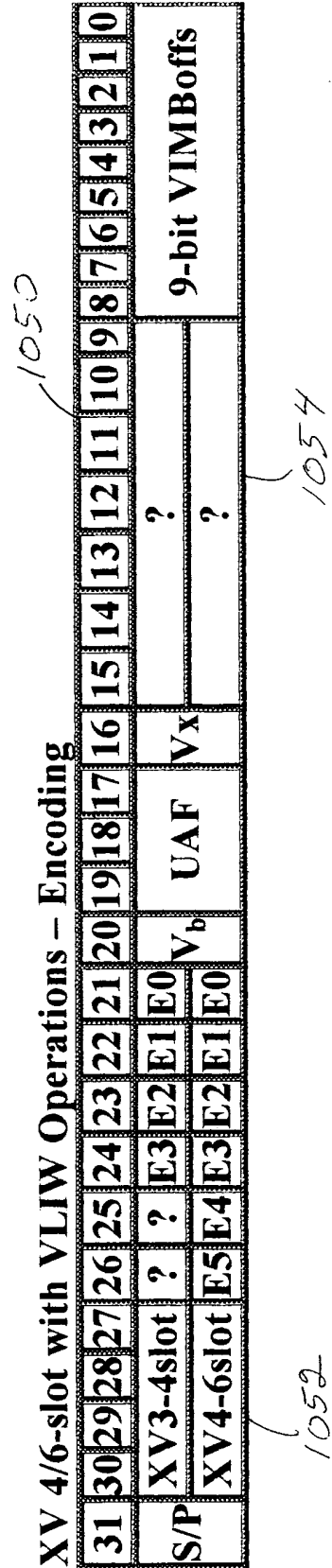
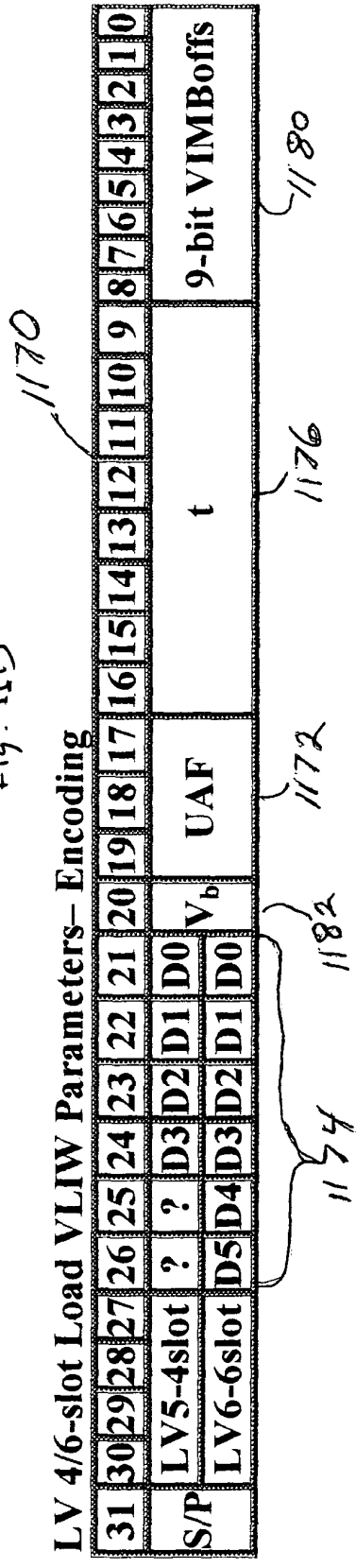
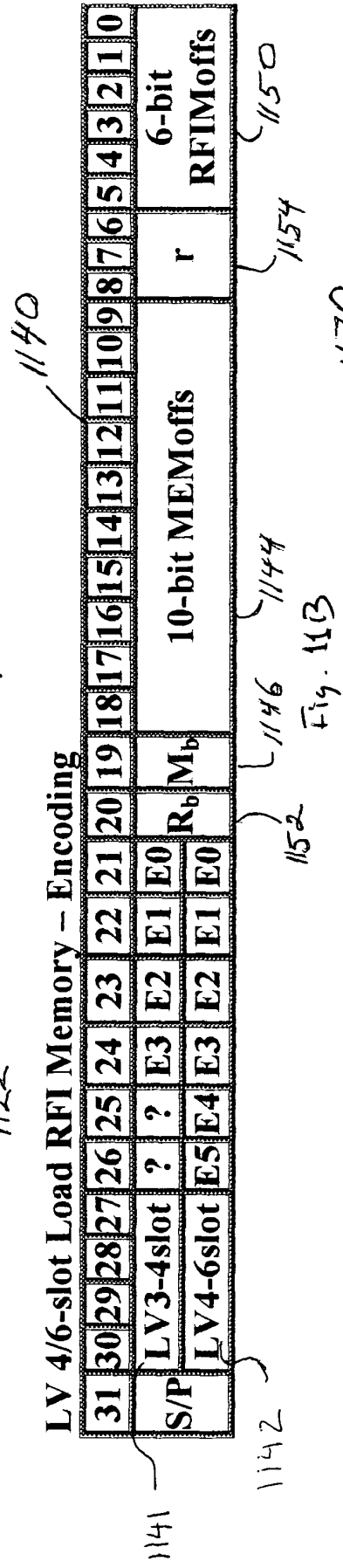
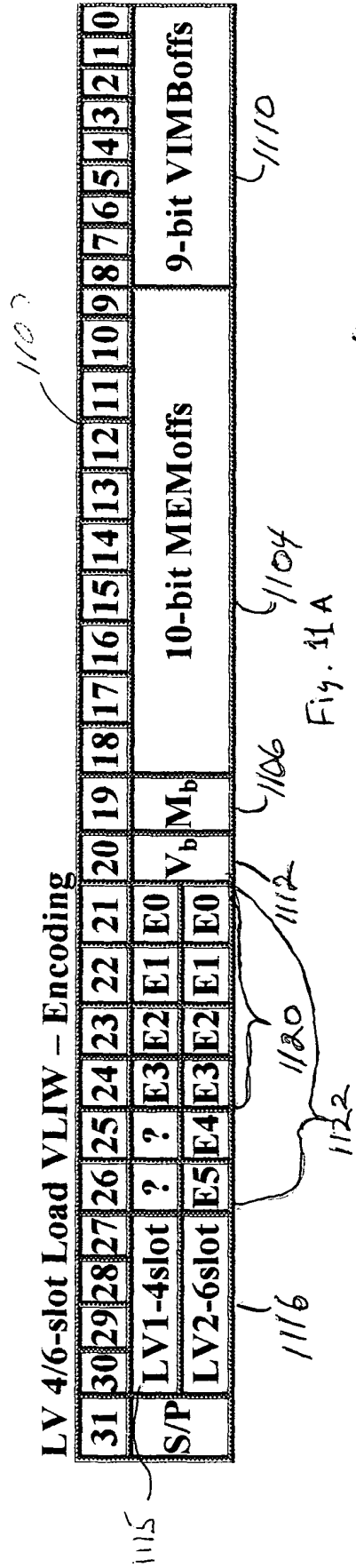
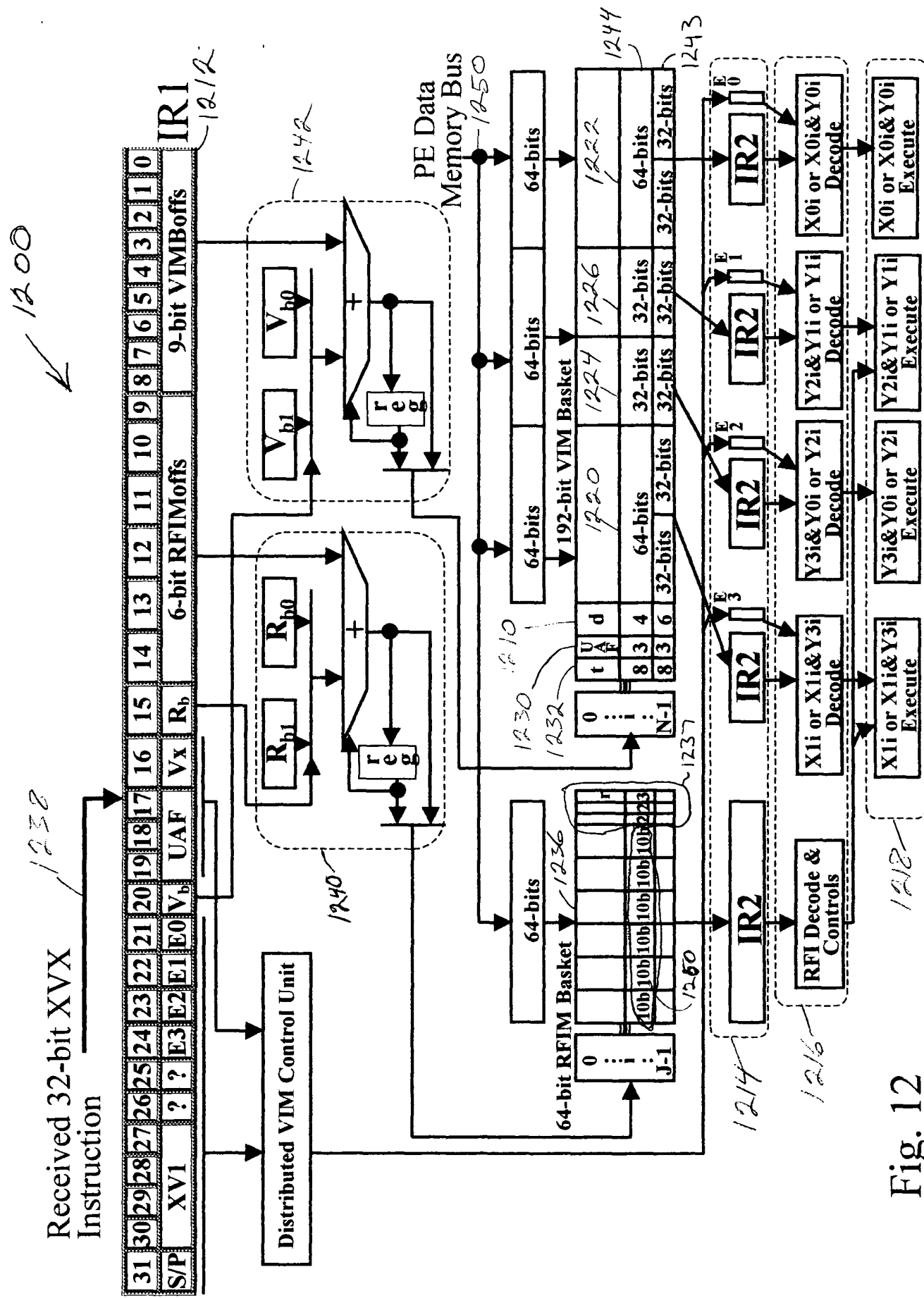


Fig. 10 B





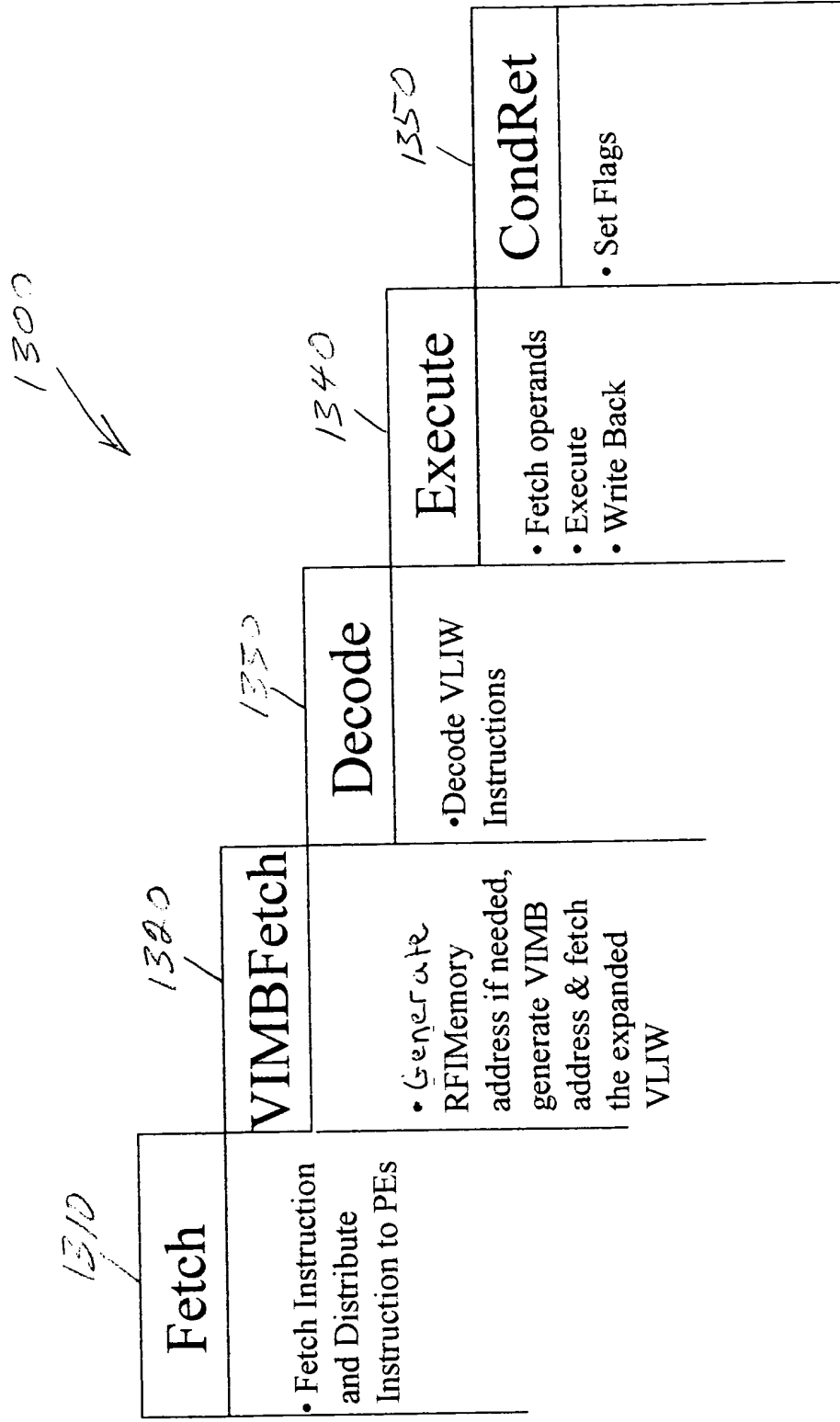


Fig. 13

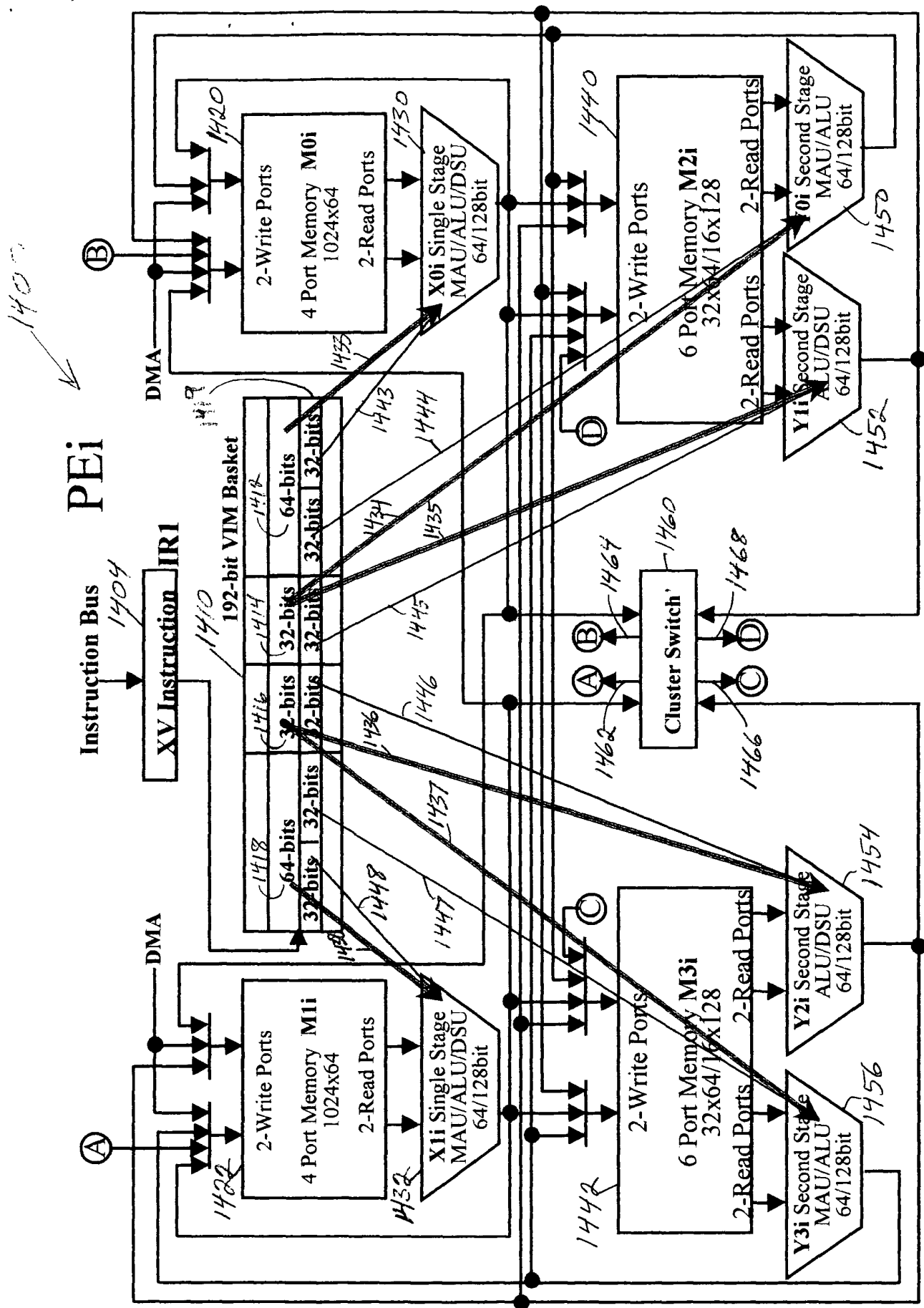


Fig. 14

1500

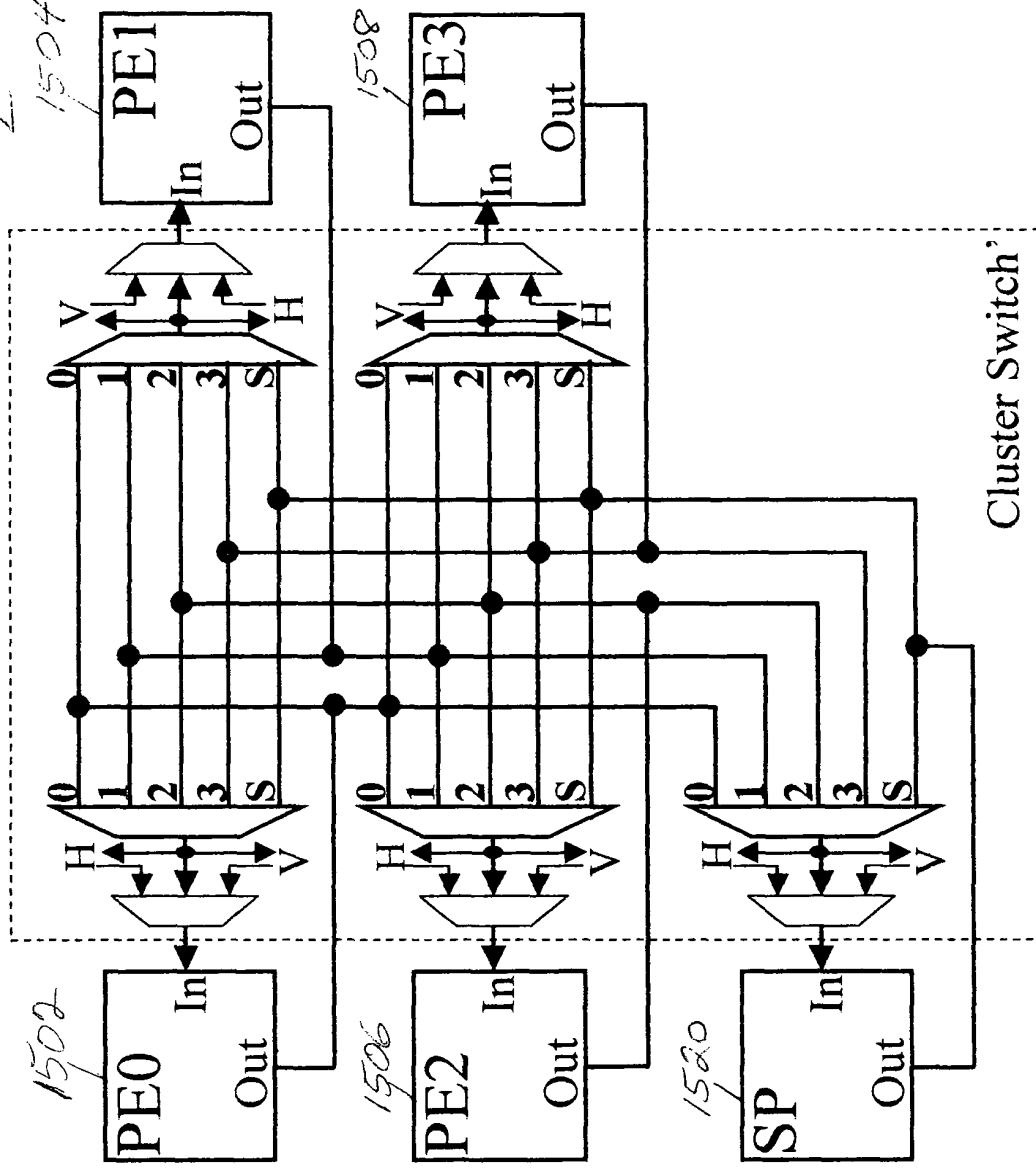


Fig. 15

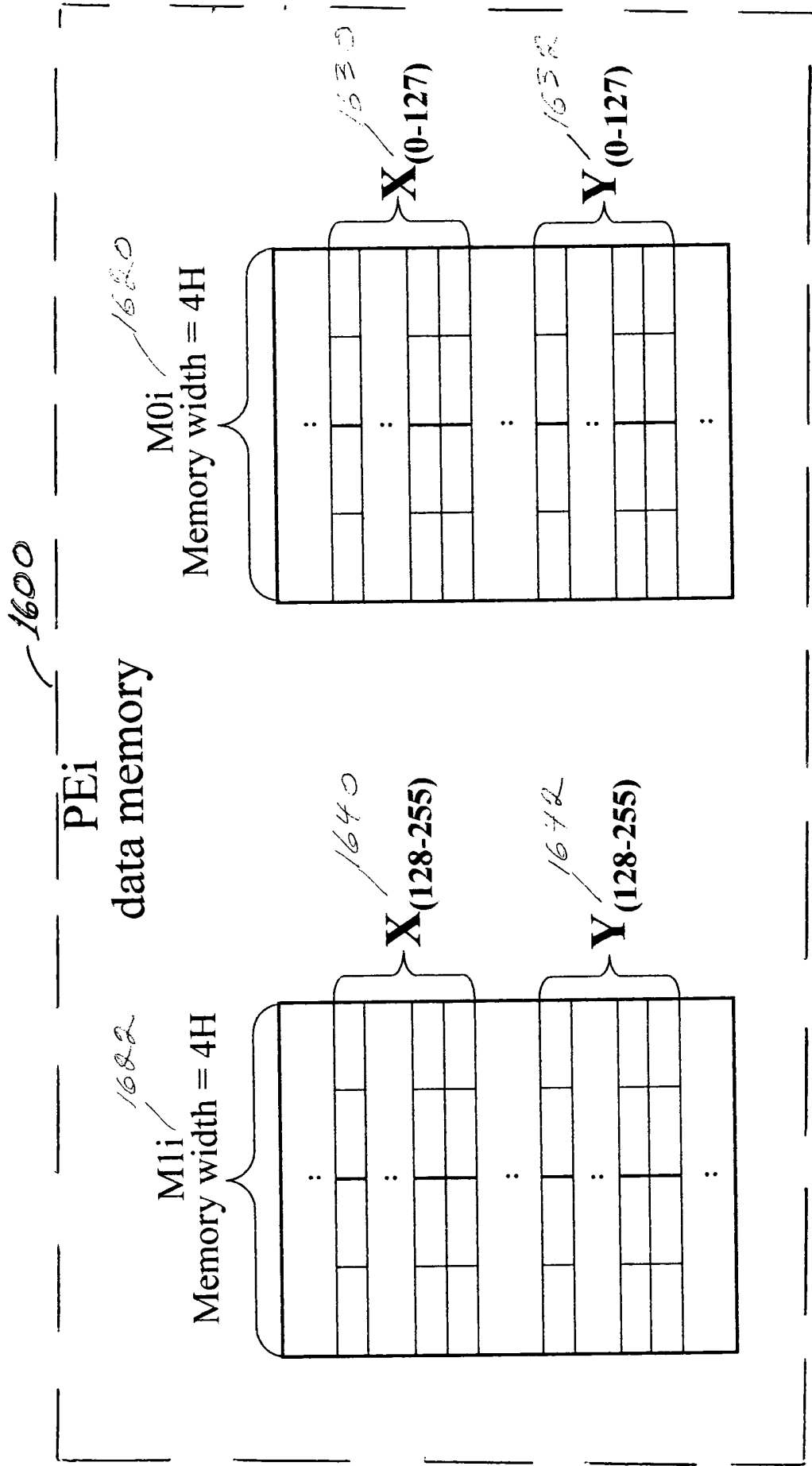


Fig. 16

1700 ✓

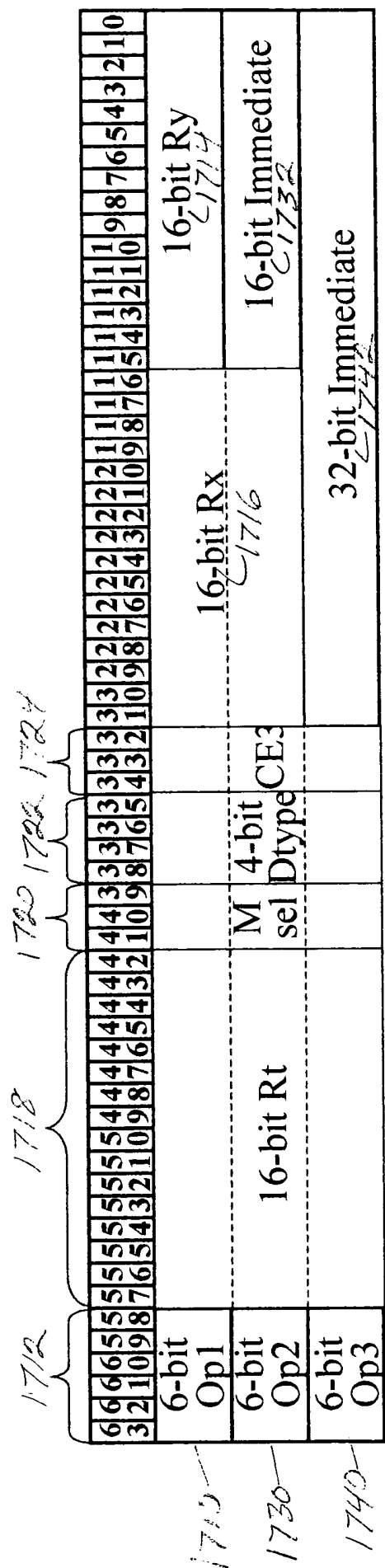


Fig. 17

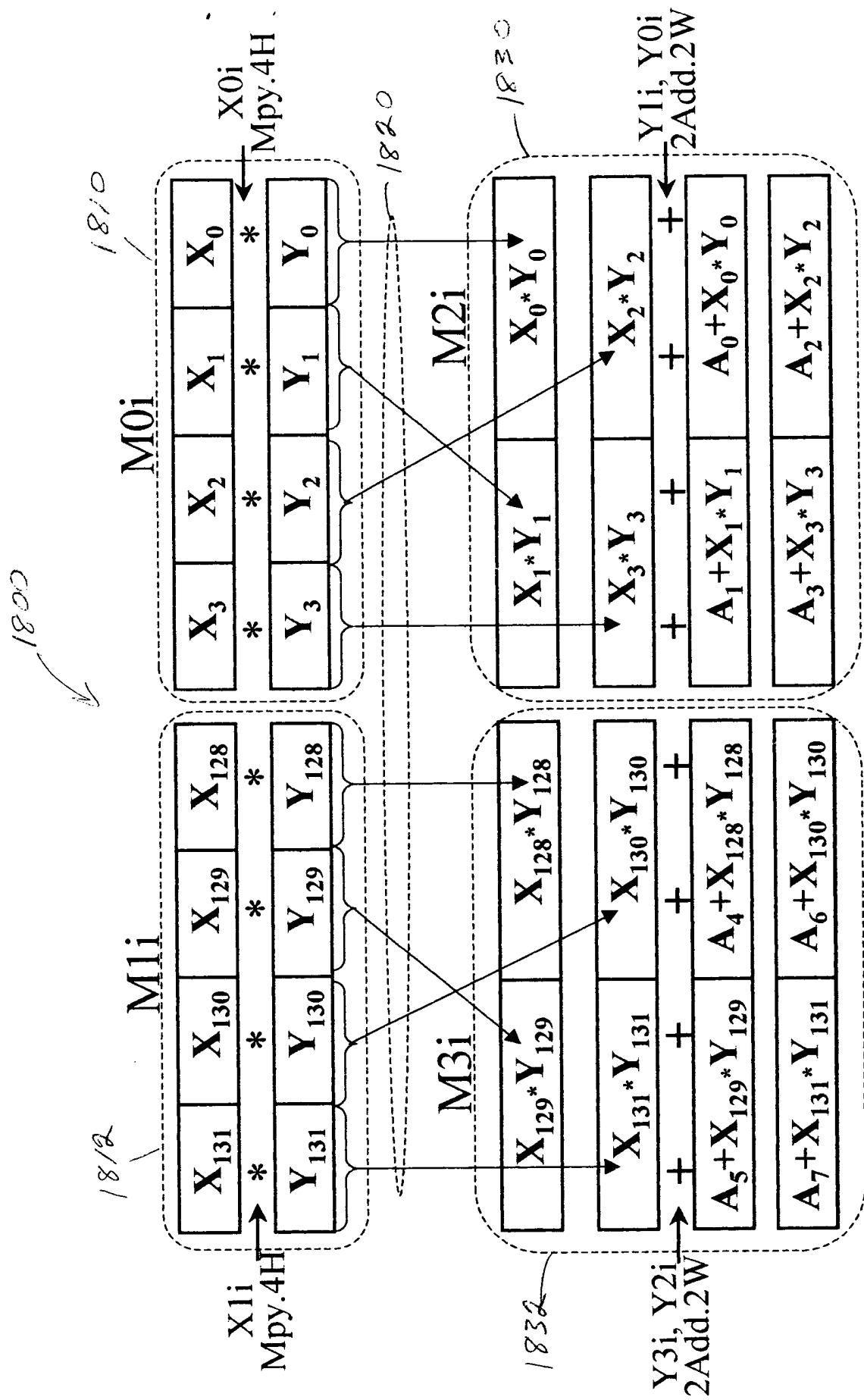


Fig. 18

1900

PE: VIMB VLIW Execution

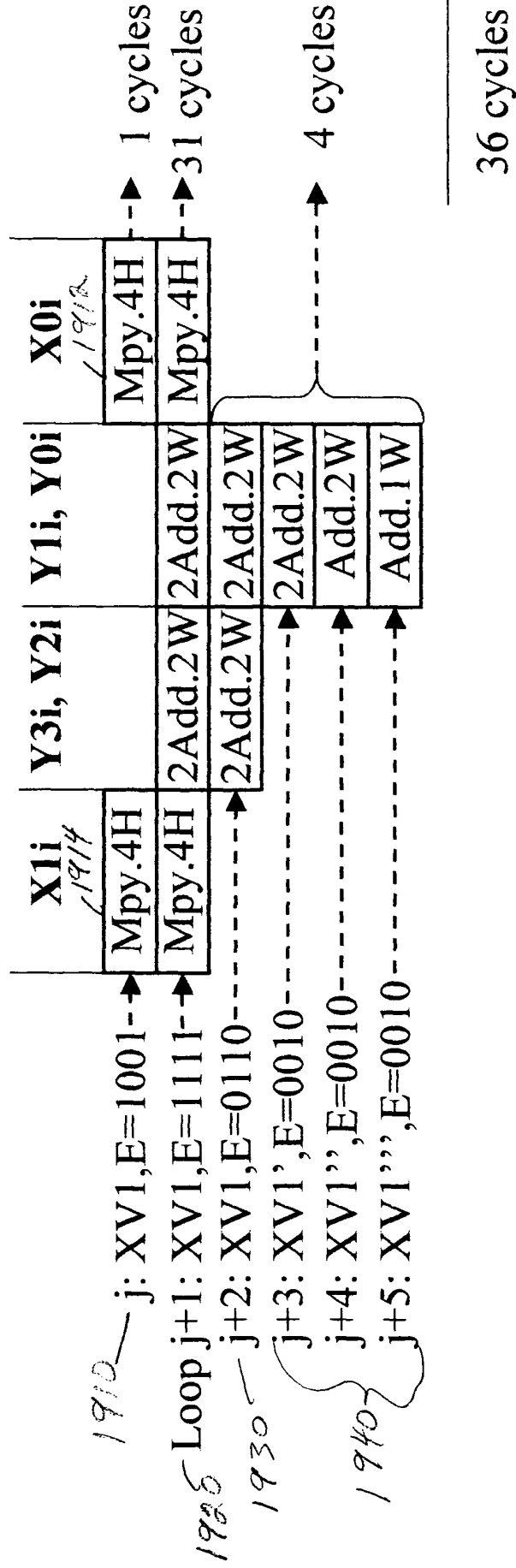


Fig. 19